May 9, 1949.

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Dear Lu-

I've just been reading your and Dulbecco's paper in Genetics. If possible can you reserve 2 or 3 reprints for me, for class use? Thanks.

On p. 103, 5th paragraph, I'm not quite clear what correction you use for active phage. In order to make w correspond to y, I take it that you want to eliminate infective centers starting from cells singly infected, and therefore with an active particle. The expression for y seems to include cells multiply infected all or in part with active phage. I don't suppose this is very vital for values of r more than 2 or 3, or anywhere that $w \gg e^{-r}$, but I'm curious to know how you handled this problem. From the paper, I might have inferred that the correction was merely total active phage (e^{-r}) or total infective centers containing active phage $(1-e^{-xe^{-r}})$ possibly rather than cells singly infected with active phage, $(xe^{-x})e^{-r}$

It just occurs to me that where reactivation is very slight, as in T1, or with X-rays, this matter might be very important. Let me know what you think.

Are you going to Cincinnati? If I see you there, I'd like to see whether we can arrange to go out to Shelter Island together from the airport.

Sincerely,